



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kamil Paruch et al.

Group Art Unit: To Be Assigned

Serial No.:

10/665,005

Examiner: To Be Assigned

Filed:

For:

09/19/2003

NOVEL IMIDAZOPYRAZINES AS CYCLIN

Attorney Docket No.: OC01625K

DEPENDENT KINASE INHIBITORS

INFORMATION DISCLOSURE STATEMENT AND SUBMISSION OF INTERNATIONAL SEARCH REPORT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

PTO-1449 For application.	orm be Copy(ie	consi	it is requested that the documents listed on the accompanying dered and made of record in the above-identified patent these references are attached were filed in related filed , respectively.
(b)	No fee	is belie	eved due because:
			nformation Disclosure Statement is being filed within three (3) s of the filing date of the application.
		This In	nformation Disclosure Statement is being concurrently filed with ove-identified application.
		This In	formation Disclosure Statement is being concurrently filed with uest for Continued Examination (RCE).
		This In	nformation Disclosure Statement is being filed prior to the g of a first Office Action on the merits.
(c)		date of	formation Disclosure Statement is being filed before the mailing fany final action, notice of allowance or an action that otherwise prosecution; and
			Each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
			No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; or
		\boxtimes	The Commissioner is hereby authorized to charge the requisite fee listed on the attached Fee Transmittal Sheet.

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180.00 DA

Serial No. <u>10/665.005</u> March 26, 2004 Page 2 of 2

	(d)			nformation Disclosu ent of the issue fee;		atement is being f	iled on or before the
				Disclosure Statem foreign patent off	nent wa ice in month	as first cited in a c a counterpart fo s prior to the filin	in this Information ommunication from a reign application no g of this Information
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				The Commissione fee listed on the a			charge the requisite Sheet.
required for			this Info		e Stat	ement, or credit	al fees which may be any overpayment to
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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
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FEE	TR	AN	SMI	TT	AL
	for	FY	200	4	

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TAL	AMOUNT	OF	PAYMENT	(\$)	180.0

SUBMITTED BY

Palaiyur S. Kalyanaraman

Name (Print/Type)

Signature

Complete if Known						
Application Number	10/665,005					
Filing Date	09/19/2003					
First Named Inventor	Kamil Paruch					
Examiner Name						
Art Unit						
Attorney Docket No.	OC01625K					

(Complete (if applicable))

908-298-5068

03/26/2004

Telephone

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None	3. A	DDITI	ONA	LFEE	S	***
Deposit Account:			Small		•	
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Account 19-0365 Number	1051	130	2051	65	Surcharge - late filing fee or oath	
Deposit Account Schering-Plough Corporation	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filling fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1.510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,330	2453	665	Petition to revive - unintentional	
Fee from	1501	1,330	2501	665	Utility issue fee (or reissue)	
Total Claims below Fee Paid	1502	480	2502	240	Design issue fee	
Independent	1503	640	2503		Plant issue fee	
Claims ————————————————————————————————————	1460	130	1460	130	Petitions to the Commissioner	
Large Entity Small Entity	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	100 00
Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	180.00
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809		Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent	400-		0004	••-	examined (37 CFR 1.129(b))	
1205 18 2205 9 "Reissue claims in excess of 20	1801 1802	770 900	2801 1802		Request for Continued Examination (RCE)	
and over original patent	1002	900	1002	900	Request for expedited examination of a design application]
SUBTOTAL (2) (\$) 0.00	Other	fee (sp	ecify) _			
**or number previously paid, if greater, For Reissues, see above	*Redu	ced by	Basic F	iling F	ee Paid SUBTOTAL (3) (\$) 180.	00 00

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

(Attomey/Agent)

34,634

PTO/SB/92 (08-03) (Modified)

Application No.: 10/665,005 Filing Date: 09/19/2003 Applicant: Kamil Paruch et al.

Title: "Novel Imidazopyrazines as Cyclin Dependent Kinase Inhibitors"

Certificate of Mailing under 37 CFR 1.8

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Palaiyur S. Kalyanaraman, Reg. No. 34, 634

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Documents enclosed:

Certificate of Mailing - 1pg.

Post Card

Fee Transmittal - 1pg. in duplicate

Information Disclosure Statement - 2pgs.

Copy of International Search Report - 5pgs.

PTO-1449 Form - 2pgs. in duplicate

References (11)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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FORM PTO-	U.S. DEI PATENT	ATTY. DOCKET NO.: APPLICATION NO OC01625K 10/665,005			0.:				
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	(U.	se several sheets	if necessar	y)	FILING DATE: GROUP: 09/19/2003			744	
			U.S. PAT	TENT DOCUM	//ENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NA	ME	CLASS	SUB- CLASS	FILING I	DATE IF
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	AL	WO 02 060492 A	08/08/2002	WII	PO		1		
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	AQ	Viste, O. et al., "Imio Phosphodiesterase							е
	AR	K. Zurbonsen et al.,	"Antiproliferat	ive effects of Im	idazo[1,2-αlpv	razine Der	ivatives c	on the Da	ami
		Cell Line", <i>Biochemi</i>	ical Pharmaco	logy, 54 : 365-37	1 (1997).				
	AS	K. Zurbonsen et al.,	"Apoptotic eff	ects of Imidazo[1,2-α]pyrazine	Derivative	s in the F	Human D	ami
,		Line", <i>European Jou</i>	ırnal of Pharm	acology, 320 : 21	<u> 15-221. (1997)</u>)			
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

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EXAMINER

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FORM PTO-14 PADE U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					ATTY. DOCKET NO.: APPLICATION NO.: 0C01625K 10/665,005			O.:	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					APPLICANT: Kamil Paruch et al.				
	(Use several sheets if necessary)					FILING DATE: GROUP: 09/19/2003			
			U.S. PAT	TENT DOCUM	MENTS				
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	BN	J. Vesely <i>et al.</i> , "Inf 224 : 771-786 (1994		in-Dependent Ki	nases by Purin	e Analogu	es", <i>Eur</i> .	J. Bioch	iem.,
	во	I. Meijer et al., "Biod the Cyclin-Depende	chemical and (Cellular Effects of	of Roscovitine,	a Potent a	nd Selec	tive Inhi	bitor of
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		X-ray Crystallograp							

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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